(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 6 January 2005 (06.01.2005)

(10) International Publication Number WO 2005/000347 A1

(51) International Patent Classification7: A61K 39/385, 39/095, 39/40, 47/48, C07H 1/00

(21) International Application Number:

PCT/US2004/020048

(22) International Filing Date: 23 June 2004 (23.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/480,405

23 June 2003 (23.06.2003)

- (71) Applicants (for all designated States except US): BAXTER INTERNATIONAL INC. [US/US]; Law Department, One Baxter Parkway, Deerfield, IL 60015 (US). BAXTER HEALTHCARE S.A. [CH/CH]; Hertistrasse 2, Wallisellen, CH-8306 Kanton Zurich (CH).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): MICHON, Francis, J. [CA/US]; 4401 Rosedale Avenue, Bethesda, MD 20814
- (74) Agents: GUTHRIE, Janice et al.; Baxter Healthcare Corporation, PO Box 15210, Irvine, CA 92623-5210 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VACCINES AGAINST GROUP Y NEISSERIA MENINGITIDIS AND MENINGOCOCCAL COMBINATIONS THEREOF

(57) Abstract: This invention relates to modified meningococcal Y polysaccharides (GYMP), conjugates comprising the modified polysaccharides and a carrier, vaccines for the immunisation of warm-blooded animals, including humans, against Group Y Neisseria meningitidis, and to methods for producing these modified polysaccharides, conjugates and vaccines.